

The Impetus for Change

- Translating what "To Err is Human" means at St. Joseph's Community Hospital

- Death in Hospitals from Medical Errors:

- 1 death for every 343 to 764 admissions

- Translates to:

- 5 to 12 patient deaths per year

- 1 patient death per month



St. Joseph's Health
St. Joseph's Hospital

The Patient Safety Learning Lab

- The participants:

- AMA
 - MGMA
 - AHA
 - WHA
 - JCAHO
 - NPSF
 - VHA
 - PSI
 - IHI
 - UW-Milwaukee
 - University of MN
 - Center for Patient Safety at VA
 - APHA
 - ISMP
 - ASQ

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The Patient Safety Learning Lab

- Top 10 Recommendations for Facility Design

- FMEA at each design stage
- Standardization
- Involve patients/families
- Establish a checklist for current/future design
- Critical information close to the patient
- Noise reduction
- Adaptive systems for function in the future
- Articulate a set of principles
- Equipment planning Day 1
- Begin mock-ups on Day 1

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FMEA -

Failure Mode

Effect Analysis

fatigue factor

Facility Safety Design Principles

- Visibility of patients to staff
- Standardization
- Automate where possible
- Scalability, Adaptive, Flexible
- Immediate accessibility of information, close to the point of service
- Noise reduction
- Patients involved with care
- FMEA at each stage of design
- Design for the vulnerable patient
- Human factors review
- Minimize fatigue
- Design Around Precarious Events

Synergy Health
St. Joseph's Hospital

Other Design Principles

- Healing Environment
 - Connection to Nature
 - Patients involved with Care
 - Family and Friends with Care
 - Pleasant Diversions
 - music
 - water features
 - window views
 - Elimination of Environmental Stressors
 - Noise
 - Poor Air Quality
 - Lighting Glare
- Efficient
 - Error Reduction

Synergy Health
St. Joseph's Hospital

Project Overview

- 143 acre site
- 183,000 square foot facility
- 4 floors
- 80 beds
- \$55 million projected cost



Synergy Health
St. Joseph's Hospital

finished in June 2005

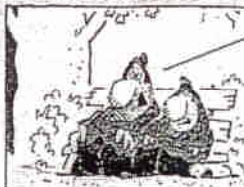
move in August

Winston Churchill
May 10, 1941

"We shape our buildings,
and afterwards
our buildings shape us."

St. Joseph's Hospital

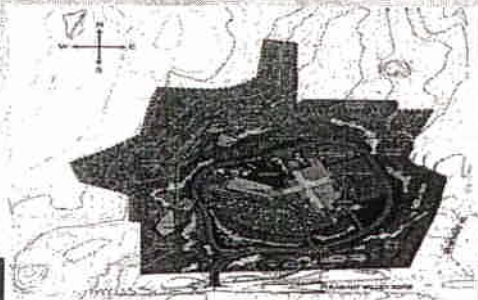
Grant - RQB
on hospital design
↳ to improve patient
results

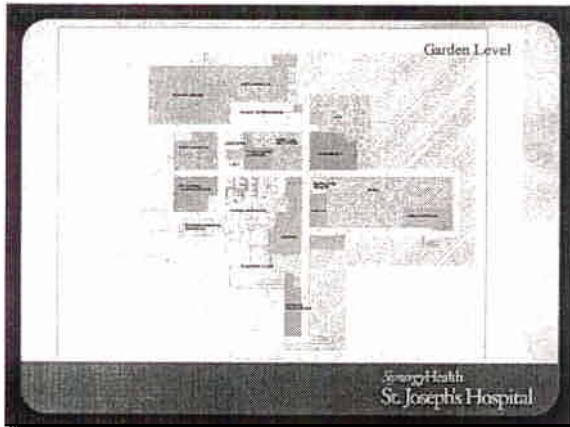


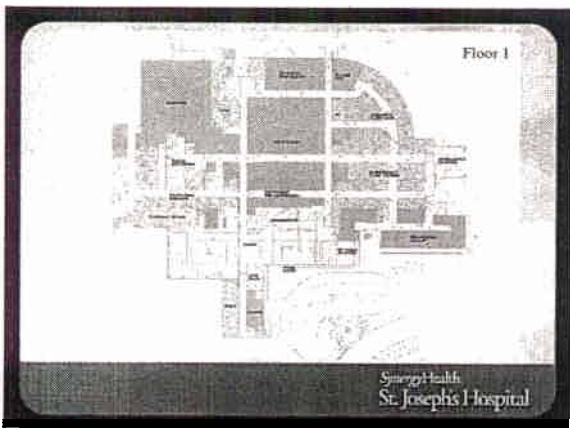
I WAS MAKING \$100,000
A YEAR, I HAD 75 PEOPLE
UNDER ME, A CONDO IN
ASPEN, AND WAS BEING
CONSIDERED FOR THE
SENATE, AND THEN I
SWITCHED TO DECAF.

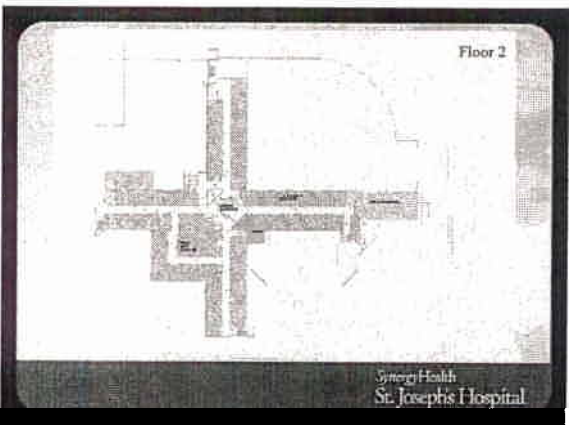
St. Joseph's Hospital

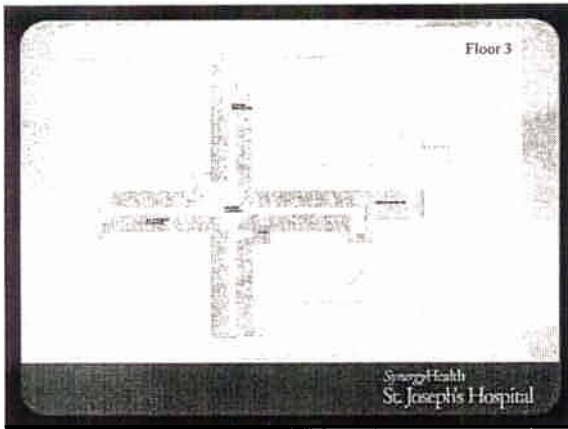
Site Plan

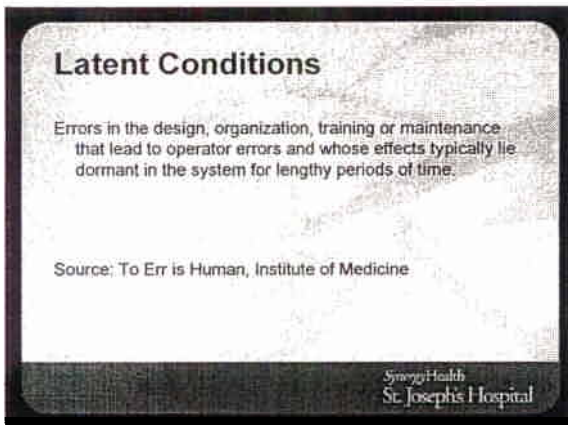




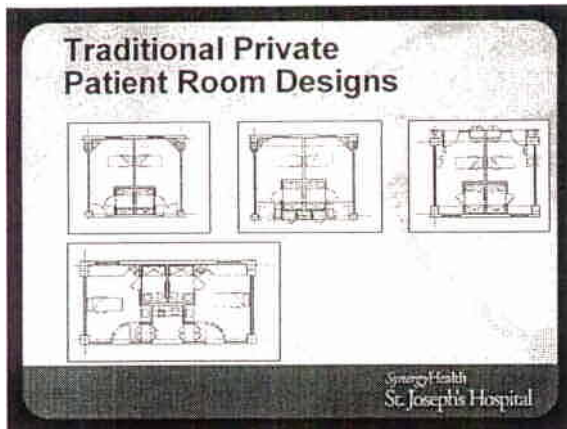


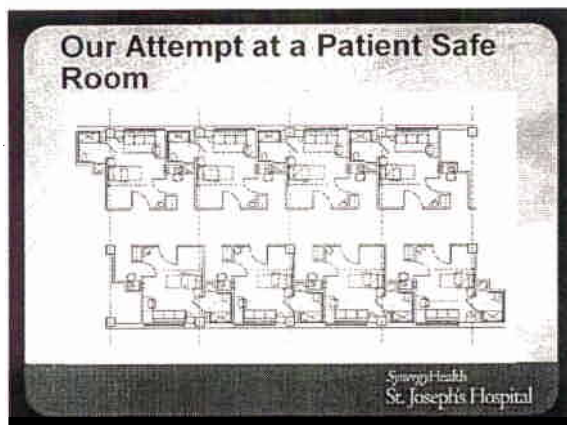


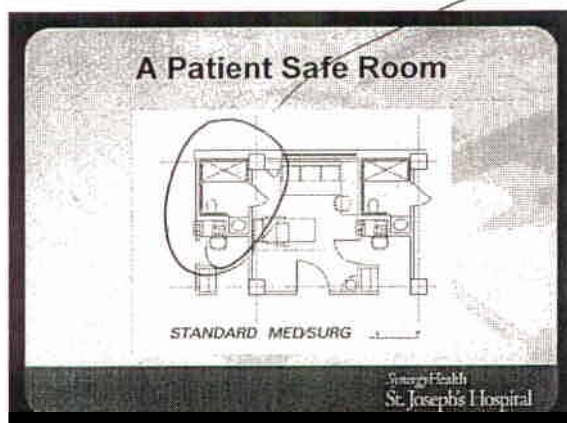




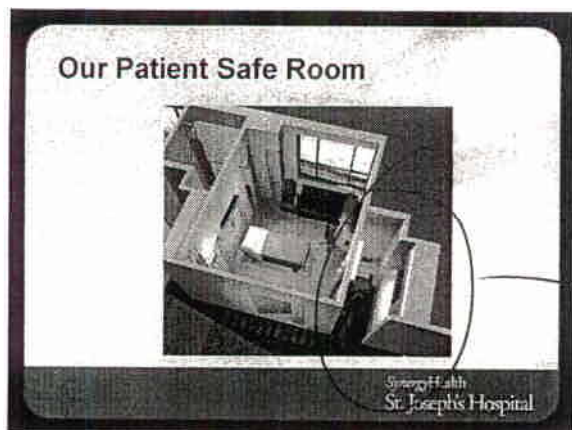






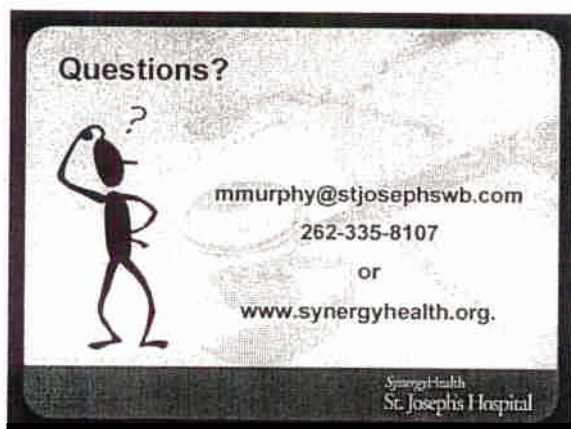


- hand rails all
around the room



- Standardized 7 drawers
of equipment

Nurse server
- Shift-to-Shift supplies



in 3yrs - going
paperless

